Amendments to the Drawings:

The attached sheets of drawings includes changes to Figs. 4 and 5. These sheets, which include Fig. 4 and Fig. 5, replace the original sheets including Fig. 4 and Fig. 5.

Attachment: Replacement Sheets
Annotated Sheets Showing Changes

REMARKS

Claims 1-49 are pending in this application. Claims 4, 5, 6, 8, 10, 11, 12, 13, 27 28 and 29 have been amended to correct minor typographical errors made without deceptive intent.

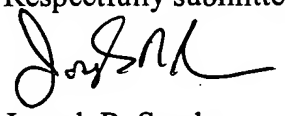
The amendments to paragraphs on pages 5-7, page 10, lines 4, 13 and 17, page 12, page 23, page 25, and claims 5, 6, 27 and 28, and Figures 4 and 5 correct a typographical error in the naming of the INSL3 analogues described in Figure 3 as cINSL3a and cINSL3b. The amendments to Tables A and B on pages 15-16 insert commas between one-letter symbols for amino acids to prevent confusion with an actual amino acid sequence.

This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-25, in computer readable form, and a paper copy of the sequence information that has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



Joseph R. Snyder
Reg. No. 39,381

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
Attachments
JRS:DMW
60761239 v1

Figure 4

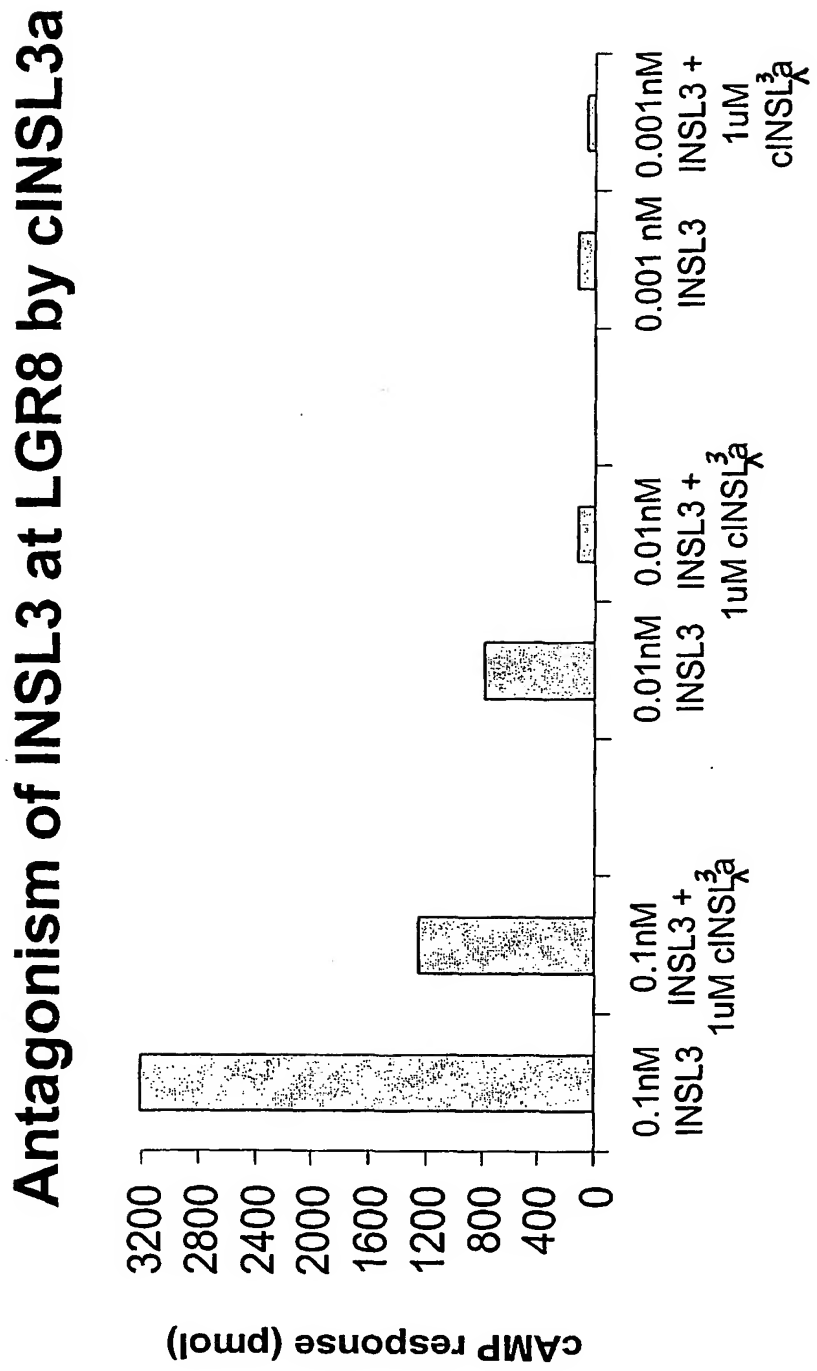

Antagonism of INSL3 at LGR8 by cINSL3a
cAMP response (pmol)
3200
2800
2400
2000
1600
1200
800
400
0
0.1nM INSL3
0.1nM INSL3 + 1uM cINSL3a X
0.01nM INSL3
0.01nM INSL3 + 1uM cINSL3a X
0.001 nM INSL3
0.001nM INSL3 + 1uM cINSL3a X

Figure 5

CD spectra of cINSL$^3_\lambda$a in various solvents